

TETEL'BAUM, L., inzh.

New auxiliary device on loading equipment. Mor. flot 22 no.8:44
(MIRA 15:7)
Ag '62. (Cargo handling--Equipment and supplies)

DROZD, V.G.; TETEL'BAUM P.I.; PRIKHOD'KO, I.F.

Rolling mill roller guides. Metallurg 6 no.11:22-25
N '61. (MIRA 14:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgicheskogo
mashinostroyeniya i Elektrostal'skiy zavod tyazhelogo
mashinostroyeniya.
(Rolling mills)

TETEL'BAUM, P.I.

The 250 continuous rolling mill for making aluminum wire rods.
Bul. tekhn.-ekon. inform. no. 1:22-23 '57. (MIRA 11:4)
(Rolling mills)

TETEL'BAUM, P.I.; ZYKOV, A.N.

Working schedules in rolling mill operations. Preizv.opyt
v tiash.mash. no.3:3-16 '55. (MLRA 10:2)

(Rolling mills)

TETEL' BAUM, P.I.; KOVTUSHENKO, A.A.

Vertical fluid-friction bearings. Metallurg 7 no.3:31 Mr '62.
(MIRA 15:2)
1. Elektrostal'skiy zavod tyazhelogo mashinostroyeniya.
(Bearings (Machinery))

TETEL'baum, R.D.

Effect of the relationship between the diameter of the water pipe
and the width of the dam block on one of the components of a
stressed state. Sbor. dokl. po gidr. VNIIG no.4:56-68 '62.
(MIRA 18:7)

11.23/3
S/179/60/000/004/029/030/XX
E140/E435

AUTHOR: Tetel'baum, R.D. (Leningrad)
TITLE: Shear of a Layer of Finite Width, Weakened by a Circular Hole

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Mekhanika i mashinostroyeniye, 1960, No.4, pp.147-148

TEXT: The equilibrium is discussed of an isotropic layer of infinite length in the y direction, of the width $2b$ with a cylindrical hole of the radius a ; the thickness z_0 is arbitrary (Fig.1). The continuous layer in the absence of the hole is subjected to pure shear

$$\tau_{yz}^0 = t \quad (1)$$

It is required to find the stress state in the layer with a hole on the assumption that the introduction of the hole does not change the stress at infinity. The solution is written in the form (2), or in cylindrical coordinates (2⁰), where ψ is a function of dimensionless coordinate, subject to determination. Under the Card 1/3

S/179/60/000/004/029/030/XX
E140/E435

Shear of a Layer of Finite Width, Weakened by a Circular Hole
conditions of the problem (Eq.(3) and following equations) the
equilibrium equations require that

$$\nabla^2 \psi = 0 \quad (4)$$

By analysing some potential fields, the harmonic function (5) is found satisfying the first two conditions (3) accurately, and the third condition integrally on each quarter of the hole, as shown by Eq.(6). A semi-empirical method is given for removing the errors of this solution and, in Fig.2 and 3, the diagrams of the stress $\tau_{\theta z}$ are given, corresponding respectively to the section $\theta = 0$, and to the contour of the hole for various values of $\lambda (= a/b)$. The dotted curves correspond to the stress

$$\tau_{\theta z} = t(1 + \frac{a^2}{\rho^2}) \cos \theta$$

✓c

the known solution for an infinite layer with a hole ($\lambda = 0$; Ref.1).
The supplementary stress arising from the presence of the hole is

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S/179/60/000/004/029/030/XX
E140/E435

Shear of a Layer of Finite Width, Weakened by a Circular Hole

such that the solution is valid for a layer of finite length
~~L~~ 4b (Fig.1). There are 3 figures and 1 Soviet reference.

SUBMITTED: March 14, 1960

✓C

Card 3/3

ROTFEL'D, L.S., kand.biol.nauk; TETEL'BAUM, Ye.G., kand.med.nauk

Dynamics of blood proteins following burns. Akt.vop.perel.krovi no.4:
252-253 '55. (MIRA 13:1)

1. Khirurgicheskaya klinika (zav. chlen-korrespondent AMN SSSR, prof.
A.N. Filatov) i biokhimicheskaya laboratoriya Leningradskogo instituta
perelivaniya krovi.

(BURNS AND SCALDS) (BLOOD PROTEINS)

TETEL'BAUM, Ye. G.

USSR/Medicine - Blood Transfusion

Mar 51

"Experiments on Transfusion of Arterial Blood," Ye. G. Tetel'baum, Surg Clinic, Leningrad Order of Labor Red Banner Sci Res Inst of Blood Transfusion

"Vest Khirurgii" Vol LXXI, No 3, pp 17-20

Method deserves close study, as arterial blood is more effective than venous blood. Taking blood from an artery is without danger to the donor, if proper methods are used. Transfusions of arterial blood give clearer and more prolonged re-establishment of high blood pressure than venous blood transfusions. More favorable change of the oxidation-reduction potential of blood in patients was observed.

USSR/Medicine - Blood Transfusion

(Contd)

Mar 51

188T76

Effectiveness of method is also proved by improvement of general condition of patients who received transfusions by this method.

188T76

TETEL'BAUM, YA. I.

Tetel'baum, Ya. I. "On the utilization of the stabilo-volt,"
Izvestiya Kiyevsk. politekhn. in-ta, Vol VIII, 1948 (on
cover: 1949), P. 61-68

SG: U-5241, 17 December 1953, (Letopis 'Zhurnal 'nykh Statey, No. 26, 1949)

USSR/Electronics - Wave Propagation

FD-2448

Card 1/1 Pub 90-10/11

Author : Tetfel'baum, Ya. I., Active Member VNORIE

Title : Scattering of radio waves by a flat plate

Periodical : Radiotekhnika, 10, 76-78, Apr 55

Abstract : Formulas based on approximation method are presented here for calculation of the intensity of reflection of polarized electromagnetic wave at various points away from the reflecting plate. The initial step in the solution of this problem is determination of the distribution of electric and magnetic currents at the surface of incidence of the radio wave with the plate. This is accomplished by applying the principle of complementarity of diffraction of radio waves, as worked out by M. A. Leontovich. The formulas so derived will solve the problems of finding the effective reflection area of the plate for various specific positions of transmitter and receiver with respect to the reflecting plate. Graph. Six references: 4 USSR.

Institution: All-Union Scientific and Technical Society of Radio Engineering and Electric Communications

Submitted : November 30, 1951

Tetel'baum, Ya. I.
USSR/Radiophysics - Radio-wave Propagation. Ionosphere, I-6
Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35289
Author: Tetel'baum, Ya. I.
Institution: None

Title: Reflection of Radio Waves from Flat Sheets

Original
Periodical: Izv. Kievsk. politekhn. in-ta., 1955, 18, 394-402

Abstract: Using the approximation $l \gg \lambda$, a solution is obtained for the problem of the scattering of radio waves by a rectangular ideally-conducting plate. It is shown that the expression obtained by Levin (Levin, M. J., Inst. Electr. Engrs., 1948, 95, pt. III, No 38) in the solution of this problem is in error and that the method he employed is not justified.

Abstracter's note: See also Stratton, J. A., Chu, L. J., Phys. Rev., 1939, 56, 99.

Card 1/1

TETEL' BAUM, Ya. I.

Power supply for a.c. vacuum-tube oscillators. Izv. vys.
ucheb. zav.; radiotekh. 2 no.6:712-719 N-D '59. (MIRA 13:6)

1. Rekomendvana kafedroy elektronnykh i ionnykh priborov
Kiyevskogo ordena Lenina politekhnicheskogo instituta.
(Oscillators, Electron-Tube)

MAYEVSKIY, O.A., dots., kand. tekhn. nauk; SVECHNIKOV, S.V., kand. tekhn. nauk, dots., otv. red.; TETEL'BAUM, Ya.I., kand. tekhn. nauk, dots., otv. red.; VYADRO, Sh.Ya., red.; MATVIICHUK, A.A., tekhn. red.

[Electronics in technology and automatic control] Elektronika v tekhnologii i avtomatike. Kiev, 1961. 40 p. (Obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii Ukrainskoi SSR, Ser.7, no.7) (MIRA 14:11)

(Automatic control) (Electronics)

TETEL'BAUM, Ya. I.

Calculation of fluctuations of a rectified voltage in
connection with the use of a capacitive filter. Izv. vys.
ucheb.; radiotekh. 5 no.1:111-116 Ja-F '62. (MIRA 15:5)

1. Rekomendovana kafedroy promyshlennoy elektroniki Kiyevskogo
ordena Lenina politekhnicheskogo instituta.
(Electric power supply to apparatus)

44345
S/142/62/005/006/008/011
E192/E382

9,3250

AUTHOR: Tetel'baum, Ya.I.
TITLE: Voltage ripple in full-wave rectifiers with a capacitative filter

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy,
Radiotekhnika, v. 5, no. 6, 1962, 723 - 733

TEXT: Accurate formulae and graphs for calculating the percentage ripple in full-wave rectifier circuits with a capacitative output filter are given. First, three bridge-type rectifier circuits (see Fig. 1) are considered. The percentage ripple for the k-th harmonic in these can be calculated from the formula:

$$k_{\text{pk}} = k_{\text{pk0}} \xi \left(\frac{k_m}{n}, k \frac{r_a}{r_H} \right) \quad (1)$$

where $k_{\text{pk0}} = 20/\pi k_m n C_o r_H^\alpha$ is the ripple factor for an ideal rectifier in which the internal resistance r_a is much smaller than the load r_H ; ξ is a correction factor taking into account Card 1/4

S/142/62/005/006/008/011

E192/E382

Voltage ripple

the losses due to a finite r_a and m_{η} is the ratio of the basic frequency of the rectified voltage to that of the input (at the secondary of the rectifier transformer). Curves giving ξ as a function of kr_a/r_H are illustrated in Fig. 2 and these can be used for practical calculations. Graphs can also be employed for single-phase and three-phase voltage-doubler circuits. The graphs and Eq. (1) were verified experimentally by constructing a three-phase bridge rectifier circuit and a three-phase doubler system. The measured results were in good agreement with the calculated curves. For approximate calculations it is possible to use the formula:

$$k_{\eta 1} = N/C_o r_H \quad (12)$$

where C_o is the capacitance of the filter in μF and r_H is the load in $k\Omega$; N is a coefficient which is dependent on the rectifier system and on the ratio r_a/r_H . For a full-wave rectifier $N = 2.9 - 2.5$ and for single-phase doubler circuits

Card 2/4

S/142/62/005/006/008/011
E192/E382

Voltage ripple

it is 2.8 - 2.2. $N = 0.48 - 0.32$ for three-phase circuits, while for three-phase doublers $N = 0.15 - 0.07$. It is pointed out that, other conditions being equal, the use of doubler circuits results in a reduction of the ripple. Thus, if in the doubler circuit the ripple is 0.5% for currents of up to 280 mA, this increases two- or threefold in a bridge circuit for output currents ranging from 100 - 280 mA. There are 6 figures and 1 table.

ASSOCIATION: Kafedra promyshlennoy elektroniki Kiyevskogo ordena Lenina politekhnicheskogo instituta (Department of Industrial Electronics of the Kiyev "Order of Lenin" Polytechnical Institute)

SUBMITTED: November 15, 1961

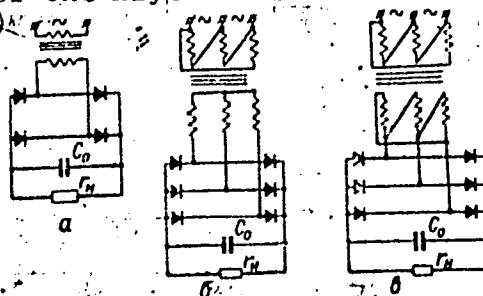
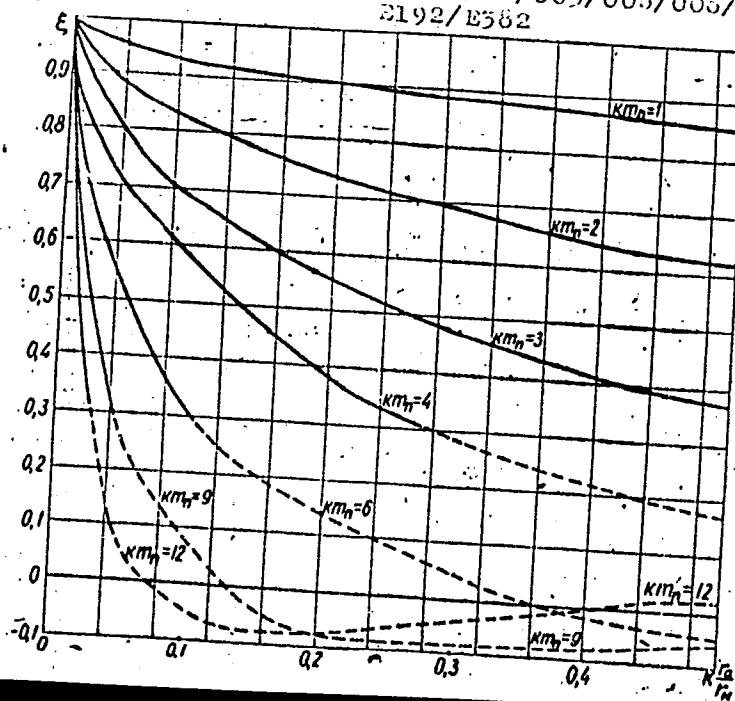


Fig. 1:

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Voltage ripple

Fig. 2:S/142/62/005/005/005/011
E192/E582

Card 4/4

Fig. 1 card n. (M. 72874) CIA-RDP86-00513R001755510009-8

L 18012-63 BDS
ACCESSION NR: AP3003398

S/0142/63/006/003/0292/0300

49

48

AUTHOR: Tetel'baum, Ya. I.

TITLE: Parallel-tube electronic filter

SOURCE: IVUZ. Radiotekhnika, v. 6, no. 3, 1963, 292-300

TOPIC TAGS: electronic filter

ABSTRACT: A simple ripple filter that includes one 6N1P tube, two capacitors, and three resistors is described in detail; it is intended for smoothing the output of a rectifier. Physical phenomena and operation of the filter are explained; the filtration factor is calculated and compared with measured values for various circuit parameters. Selection of components, parameters, and operating modes is presented in great detail; tube replacement entails a circuit adjustment. Methods of filter calculation and numerical examples are supplied. The following applications are held possible: (1) when large capacitance at the filter output is

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L 18012-63

ACCESSION NR: AP3003398

undesirable; (2) when small size is essential; (3) when transients preclude using a choke-and-capacitor type filter; (4) in high-power h-v outfits; (5) for filtering out very low frequencies. The filter is recommended only for such apparatus where periodic preventive inspections and adjustments are made. Orig. art. has: 5 figures and 20 formulas.

ASSOCIATION: Kafedra promy*shlennoy elektroniki Kiyevskogo ordena Lenina politekhnicheskogo instituta (Department of Industrial Electronics, Kiev Polytechnical Institute)

SUBMITTED: 09Jan62

DATE ACQ: 02Aug63

ENCL: 00

SUB CODE: SD

NO REF SOV: 009

OTHER: 001

Card 2/2

DOROKHOV, Aleksandr Petrovich; KOROBKINA, Galina Stepanovna;
STARODUBTSEV, Viktor Aleksandrovich; TSARENKO, Vladimir
Timofeyevich; VOLKOV, A.A., retsenzent; OGORODNEYCHUK,
I.F., retsenzent; RUDENKO, V.S., retsenzent; TETEL'BAUM,
Ya.I., retsenzent; FILONENKO, S.N., dots., otv. red.;
NESTERENKO, A.S., red.

[Principles of industrial electronics] Osnovy promyshlennoi
elektroniki. [By] A.P.Dorokhov i dr. Khar'kov, Izd-vo
Khar'kovskogo univ., 1964. 214 p. (MIRA 17:8)

TETEL'BAUM, Yakov Isaakovich, kand. tekhn. nauk [deceased];
SVECHNIKOV, S.V., kand. tekhn.nauk, retsenzent

[Semiconductor rectifiers] Napivprovidnykovi vypriam-
liachi. Kyiv, Tekhnika, 1964. 257 p. (MIRA 17:8)

VEKSLER, Grigoriy Solomonovich, kand. tekhn. nauk; TETEL'BAUM,
Yak v Isaakovich, kand. tekhn. nauk [deceased]; KITAYEV,
V.Ye., kand. tekhn. nauk, retsenzent; OGIREVSKIY, V.V.,
prof., retsenzent; ZAMORA, Ye.F., dots., retsenzent;
SHVITSOV, G.A., retsenzent; SHVETSKIY, B.I., retsenzent

[Electric power supply of radio apparatus] Elektropitanie
radioustroistv. Kiev, Tekhnika, 1964. 383 p.
(MIRA 17:9)

E:
TETEL'BAUM, Ye.I.

Certain cardiovascular changes during polyneuritis in toxic diphtheria. Pediatriia, Moskva no.2:17-22 Mar-Apr 1953. (CIML 25:4)

1. Of the Infectious Division (Head -- Doctor Medical Sciences M. Ye. Sukhareva) of the Department of Pediatrics of the Central Institute for the Advanced Training of Physicians (Head -- Prof. G. N. Speranskiy, Active Member AMS USSR) located at Clinical Order of Lenin Hospital imeni Botkin (Head of Infectious Division -- A. N. Buznikov).

RABINOVICH, I.Sh., inzh.; TETEL'BOYM, B.M., inzh.

Determining parameters of the driving-wheel profile of centerless
grinding machines. Vest.mashinostr. 42 no.6:67-69 Je '62.
(MIRA 15:6)

(Grinding machines)

TETELIS, N.K., inzh.; KORCHAGIN, B.N., inzh.; KURGUZOV, V.F., inzh.

Introduction of gas-electric cutting in shipbuilding.
Sudostroenie 28 no.7:65-68 J1 '62. (MIRA 15:8)
(Electric metal cutting) (Protective atmospheres)

TETELIS N.K.
AUTHORS:

135-30-1-9/23

Fukel'man, M.I., Tetelis, N.K., and Rossinevich, O.P.,
Engineers

TITLE:

Problems of UONI Type Electrode Welding by Alternating Current With the Aid of Impulse Generators. (K voprosu o svarke elektrodami tipa UONI na peremennom toke pri pomoshchi generatorov impul'sov)

PERIODICAL:

Svarochnoye Proizvodstvo, 1958, Nr 1, pp 27 - 28 (USSR)

ABSTRACT:

The authors state that experiments carried out at their plant and at the Institute of Electrowelding imeni Ye. O. Paton, have shown that the application of impulse generators for alternating current welding by electrodes with coatings, which poorly stabilize the arc process, can replace the application of direct current welding. Impulse generators (shown in Figure 2) have good operating properties, small size (350 x 300 x 250 mm) and a weight of 26.5 kg. The required power does not exceed 200 watts. Gas thyratrones of TG-1-2.5/4 type are utilized for these generators. Two machines of this type have been working for 1,000 hours under workshop conditions without failure, and the quality of joints is no worse than in welding by direct current. The authors come to the conclusion that with the aid of impulse generators connected in parallel, it is possible to perform arc welding by alternating current with UONI-13 and other types of electrodes with coatings

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Problems of UONI Type Electrode Welding by Alternating Current With
the Aid of Impulse Generators.

135-58-1-9/23

devices for direct current welding. The application of impulse generators ensures stable processes and a reliable re-excitation of the arc. This is a portable device, is light and comfortable, which permits welding at any temperature of the surrounding air. These devices can be recommended for industrial application in various methods of gas-electric welding and for carbon arc welding of nonferrous metals and alloys by alternating current. There is 1 photo and 2 circuit diagrams.

AVAILABLE: Library of Congress

Card 2/2 1. Welding-Processes 2. Impulse generators-Applications

TETELIS, N.K.

FUKEL'MAN, M.L., inzh.; TETELIS, N.K., inzh.; ROSSINEVICH, O.P., inzh.

UONI electrodes for welding with alternating current and with
use of pulse generators. Svar. proizv. no.1:27-28 Ja '58.

(MIRA 11:1)

(Electric welding--Equipment and supplies)
(Oscillators, Electric)

TETENEVA, V.E. (Murmansk); MALYSHEV, Yu.I. (Leningrad); GREBENNIKOVA, A.T. (Leningrad); BAZHENOV, V.S.; IVASHKEVICH, E.I.; SAFRONOVA, A.I. (Vitebsk); NOVIK, M.G.; OKUNEVA, G.N. (Novosibirsk); NEDVETSKAYA, L.M. (Moskva); SENT-UMEROV, S.M. (Vladivostok); PELYAVSKIY, I.P. (Odessa); LIPSKIY, L.I.; NUTRIKHIN, N.A. (Arkhangel'sk); KERIMOV, G.M. (Baku); BARAKOV, V.Ya. (Samarkand)

Abstracts. Grud. khir. 6 no.1:118-126 Ja-F '64.

(MIRA 18:11)

TETELYUTIN, Yu L.

PHASE I BOOK EXPLOITATION SOV/5309

Korobeynikov, Vitaliy Grigor'yevich, Boris Aleksandrovich Sak-Shak, and Yuriy Leonidovich Tetelyutin

Avtomatizatsiya universal'nykh metallorezhushchikh stankov (Automation of Universal Metal-Cutting Machine Tools) Moscow, Mashgiz, 1960. 157 p. 15,000 copies printed.

Ed.: Yu. S. Sharin; Tech. Ed.: N.A. Dugina; Scientific Ed. of Ural-Siberian Department (Mashgiz): G.A. Sarafannikova.

PURPOSE: This book is intended for technical personnel.

COVERAGE: Information concerning the automation of metal-cutting machines is given. Included are descriptions of modernized lathes, milling machines, and drilling machines. Automation schematics are given, and devices for feeding and chucking are described along with continuous production lines consisting of semi-automatic and automatic machine tools. The following are mentioned as having been the originators of automation in Soviet machine plants: T.G. Levin, Yu.L. Tetelyutin, V.F. Savat'syev, V.G. Korobeynikov, and V.S. Pis'menskiy. There are no references.

Card 1A

KOROBENIKOV, Vitaliy Grigor'yevich; SAK-SHAK, Boris Aleksandrovich;
TETELYUTIN, Yury Leonidovich; SHARIN, Yu.S., red.;
DUGINA, N.A., tekhn.red.

[Automation of universal machine tools] Avtomatizatsiya uni-
versel'nykh metallorezhushchikh stankov. Moskva, Gos.nauchno-tekhn.
izd-vo mashinostroit.lit-ry, 1960. 157 p.

(Machine tools)

(Automation)

(MIRA 14:3)

TETENEVA, V. F.

Two cases of hemorrhage from the aorta in complicated trauma of
the esophagus. Grud. khir. no.5:110 '61. (MIRA 15:2)

1. Iz otdeleniya grudnoy khirurgii (zav. - zasluzhennyj vrach
RSFSR P. A. Bayandin) Murmanskoj oblastnoj bol'nitsy (glavnyy
vrach Z. V. Macharashvili)

(ESOPHAGUS--WOUNDS AND INJURIES)
(HEMORRHAGE) (AORTA--WOUNDS AND INJURIES)

TETENEVA, V.F.

Three cases of a celomic cyst of the pericardium. Grud. khir.
2 no.4:120 Jl-Ag '60. (MIRA 15:6)

1. Iz otdeleniya grudnoy khirurgii (zav. - zasluzhennyj
vrach RSFSR P.A. Bayandin) oblastnoy bol'nitsy Murmanska
(glavnnyj vrach Z.V. Macharashvili).
(CYSTS)
(PERICARDIUM---TUMORS)

TETEL'BAUM, Ya.I.

New method for measuring electron-tube transconductance. Izv.vys.ucheb.
zav.; prib. 6 no.1:3-10 '63. (MIRA 16:2)

1. Kiyevskiy ordena Lenina politekhnicheskiy institut. Rekomendovana
kafedroy promyshlennoy elektroniki.
(Electronic measurements) (Electron tubes)

AMINOVA, R.Kh., kand. ist. nauk; TETENEVA, L.G., kand. ist. nauk;
ALIMOV, I.A.; DMITRIYEV, G.E.; DZHAMALOV, O.B., doktor
ekon. nauk, redaktor ; DZHURAYEVA, T., kand. ist. nauk,
red.; ATFENYUK, S.Ya., red.; DANILOV, V.P., glav. red.;
BELOV, G.A., red.; GRIGOR'YAN, L.L., red.; IBRAGIMOV, Z.I.,
red.; IVNITSKIY, N.A., red.; IL'YASOV, S.I., red.; KAKABAYEV,
S.D., red.; KAMENSKAYA, N.V., red.; KRAYEV, M.A., red.;
KULIYEV, O.K., red.; MAKHARADZE, N.B., red.; OBICHKIN, G.D.,
red.; PLESHAKOV, S.T., red.; RADZHABOV, Z.I., red.; SELEZNEV,
M.S., red.; TURSUNBAYEV, A.B., red.; FEDOROV, A.G., red.;
SHEPELEV, T.V., red.; FATLAKH, B., red.; MASHARIPOVA, D.,
red.; BULATOVA, R., red.; GOR'KOVAYA, Z.P., tekhn. red.;
KARABAYEVA, Kh.U., tekhn. red.

[Socialist reorganization of agriculture in Uzbekistan]
Sotsialisticheskoe pereustroistvo sel'skogo khoziaistva v Uz-
bekistane, 1917-1926 gg. Pod red. O.B.Dzhamalova. Tashkent,
Izd-vo Akad. nauk UzSSR. Vol.1. 1962. 792 p. (MIRA 16:5)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut istorii i
arkheologii.

(Uzbekistan--Agriculture)

VOLKOVICH, A.V., inzh.; KOCHERGIN, A.I., inzh.; GREKOV, S.D., inzh.;
ZINOV'YEV, A.F., inzh.; TETENEVA, M.S., inzh.

Mechanizing the production of cadmium sulfate. Khim. i neft.
mashinostr. no.1:39 Jl '64. (MIRA 17:12)

STOLBOVA, A.; UMAROVA, M.U.; UVAROVA, A.I.; VISHNEVETSKAYA, Ye.A.
TETENKO, N.I., meditsinskaya sestra.

Nurses' councils. Med. sestra 22 no.6:42-45 Je'63. (MIRA 16:9)

1. Predsedatel' Soveta meditsinskikh sester Vladimirskoy oblastnoy bol'nitsy. Detskaya bol'nitsa No.3 Tashkentskoy zheleznoy dorogi (for Umarova). 2. Glavnnyy vrach Detskogo kostnotuberkuleznogo sanatoriya No.2, Dnepropetrovsk (for Uvarova).
3. Detskoye otdeleniye Krasnodarskoy krayevoy klinicheskoy bol'nitsy imeni prof. S.V.Ochapovskogo (for Tetenko).

(NURSES AND NURSING.)

METEL'SKIY, Vasiliy Vladimirovich; TETENKOVA, Mariya Frolovna;
POPOV, P., red.

[Potato] Kartofel'. Kemerovo, Kemerovskoe knizhnoe izd-
vo, 1965. 59 p. (MIRA 18:10)

TETENYI, P.

Some problems of development of a species of Arachis Hypogaea L.;
excerpts from a candidate's thesis, p. 293, Magyar Tudomanyos
Akademia, Agrartudomanyok Osztalya, KOZLEMENYEI, Budapest, Vol. 9,
No. 1/3, 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

TETENI, P. Cand Chem Sci -- (diss) "Kinetics of dehydrogenation of alcohols,
and the effect of the nature of catalyster metals upon it." Mos, 1957. 11 pp
(Mos Order of Lenin and Order of Labor Red Banner State Univ im M. V. Lomonosov.
Chem Faculty), 120 copies (KL, 45-57, 97)

COUNTRY	:	HUNGARY
CATEGORY	:	Cultivated Plants - Industrial, Oleiferous, Sugar. M
PERIOD	:	1954
AUTHOR	:	Tetenyi, P.
INST.	:	Hungarian Academy of Sciences
TITLE	:	Stages of Development in Peanuts.
REF. PUB.	:	Acta agron. Acad. sci. hung., 1957, 7, No. 3, 201-216
ABSTRACT	:	Vernalization of the peanut seeds begins at 20-23% humidity and germination at 37-41%. A minimum temperature of 10.5° for 16-20 days is required for vernalization. Non-observance of sowing dates recommended for different areas of Hungary leads to a lowering of the yield by 30-40%. The influence of a shortened day is most effective starting with the third day after the appearance of the sprouts and continuing for 6 days. At the tillering stage, the minimum temperature must be above 17°. Varieties having an upright shape of the bush are maturing faster (by 5-15 days) than varieties with trailing lateral branches. The late-maturing varieties are not suitable for cultivation in Hungary. — Ye. Z. Geydel'cerg
Card:		

1/1

TETENI,
AUTHOR BALANDIN A.A., Member of the Academy, TETENI, P. 20-5-41/67
TITLE The Kinetics of the Dehydrogenation of Alcohols Over a Copper Catalyst Deposit.
(Kinetika degidrogenizatsii spirtov nad osazhdennym mednym katalizatorom -Russian)
PERIODICAL Doklady Akademii Nauk SSSR, 1957, Vol 113, Nr 5, pp 1090-1093 (U.S.S.R.)
Received 7/1957 Reviewed 8/1957

ABSTRACT This problem was investigated by previous papers by the same author, where it was shown that the activation velocity and -energy of this process is either not at all or to a very low degree dependent on the k-structure of the alcohols. It was further found that the adsorption coefficients of ethyl-, n-propyl-, and isopropyl alcohol are equal to one another on the copper catalyst. In the present work alcohols differing considerably in structure were investigated: ethyl-, isopropyl, benzylalcohol, and cyclohexanol. In contrast to previous works the catalyst was produced by the precipitation of copper hydroxide by ammonia from a 2% solution of nitric copper. As already previously proved, alcohol dehydrogenation subordinates itself to the general kinetic equation of monomolecular reaction in the flux. In the case of the dehydrogenization of alcohols without admixtures this equation is as follows:

Card 1/3 $\frac{dm}{dt} = k \frac{A_1 - m}{A_1 + (z_2 + z_3 - 1)m}$; where k denotes the constant of reaction;

The Kinetics of the Dehydrogenation of Alcohols 20-5-41/67
Over a Copper Catalyst Deposit.

A_1 -the afflux velocity of the alcohol, and m -the velocity of the elimination of hydrogen(further details in a previous paper-8). The values of relative adsorption displacement were the same as in the case of other substances.The values of the relative absorption coefficients for acetaldehyde and hydrogen differ from those obtained by previous works, but at that time a catalyst was used which was produced by the annealing of netric copper, and was subsequently reduced by hydrogen.As table 2 shows these coefficients for hydrogen are independent of temperature.The agreement of physical adsorption heats of the alcohols investigated indicates the participation of chemical forces in the adsorption process of the alcohols during catalysis.The results obtained show that the structure of the hydrocarbon radicals of alcohol exercises only little influence on the value of the activation energy of dehydrogenization on the metal copper catalyst-.The insignificant influence exercised by the hydrocarbon radical on the activation energy confirms the multiplet theory. It may be explained by the fact that the substituent outside the frame exercises nearly the same influence both on the value of the atomic bindings within the molecule which disintegrates during the reaction, and on the bindings of the atoms of the reacting molecule with the catalyster atoms.

(With 1 illustration, 6 tables, 9 Slavic references)

Card 2/3

The Kinetics of the Dehydrogenation of Alcohols 20-5-41/67
Over a Copper Catalyst Deposit.

ASSOCIATION Moscow State University "M.V.LOMONOSOV"
PRESENTED BY
SUBMITTED 6.12.1956
AVAILABLE Library of Congress
Card 3/3

AUTHORS

Balandin, A.A., Academician,
Teteni P.

20-4-26/60

TITLE

The Kinetics of the Catalytic Dehydrogenation of
Isopropyl Alcohol in the Presence of Fourth-Period
Transition Metals.

(Kinetika kataliticheskoy degidrogenizatsii izopropilovogo
spirta v prisutstvii perekhodnykh metallov IV perioda.)

PERIODICAL

Doklady Akademii Nauk SSSR, 1957, Vol. 115, Nr 5,
pp. 727-730 (USSR)

ABSTRACT

This kinetics of catalysts such as iron, cobalt and nickel has been little investigated. But this reaction may serve as a model reaction in the study of the above-mentioned catalysts which are widely spread in practice. In the present paper these metals were used in a form obtained by precipitation. The experiments were carried out in an ordinary flow set-up. It was found that the investigated catalysts (temperature range: for iron and cobalt up to 250°C, for nickel up to 215°C) exclusively perform the dehydrogenation of isopropyl alcohol to acetone. In that connection pure hydrogen developed. The catalyst contained only acetone and the not thoroughly reacted alcohol. As it was shown earlier this reaction

CARD 1/4

20-4-26/60

The Kinetics of the Catalytic Dehydrogenation of Isopropyl Alcohol
in the Presence of Fourth-Period Transitions Metals.

is subject to the general kinetic equation of the monomolecular catalytic reaction in the flow. For alcohols without admixture it has the form:

$$\frac{dm}{dI} = k \frac{(A_1 - m)}{A_1 + (z_2 + z_3 - \ell)m} \quad (1)$$

where k - is the speed constant of the reaction, A_1 - the supply speed of the initial substance, z_2 and z_3 - the relative adsorption coefficients of the ketone and of hydrogen, m - the quantity of hydrogen separated per minute, and I - the length of the layer of the catalyst. The integration of equation (1) leads to:

$$k = (z_2 + z_3) A_1 \ell n \frac{A_1}{A_1 - m} - (z_2 + z_3 - \ell)m. \quad (2)$$

CARD 2/4

Tables 1 and 2 give the results of the determination of the coefficients of adsorption. They show that the above

20-4-26/60

The Kinetics of the Catalytic Dehydrogenation of Isopropyl Alcohol
in the Presence of Fourth-Period Transition Metals.

mentioned coefficients of acetone and hydrogen on iron- and cobalt-catalysts do not depend on temperature. Such a dependence is only observed in the case of nickel. Here the coefficients of both substances decrease with increasing temperature. The dependence is logarithmic (fig. 1). From the obtained results the heat differences of hydrogen, acetone and isopropyl alcohol were calculated and the following values obtained:

$$\lambda_{ac} - \lambda_{alc} = 3,7 \text{ kcal/Mol} \text{ and } \lambda_{H_2} - \lambda_{alc} =$$

14,5 kcal/Mol. In the case of iron and cobalt the adsorption heats of alcohol and the products are equal or approximate. Further the adsorption coefficients were used in the calculation of the reaction constants at various temperatures. For determining the true activation energy of the dehydrogenation with every individual catalysts experiments were made with different temperatures at a constant volume speed. For calculating the speed constants the values of A_1 , m and $z_2 + z_3$ were

CARD 3/4

20-4-26/60

The Kinetics of the Catalytic Dehydrogenation of Isopropyl Alcohol
in the Presence of Fourth-Period Transition Metals.

introduced to formula (2). For the nickel catalyst the value $z_2 + z_3$ was found at the necessary temperature by interpolation of the straight line of the logarithmic dependence (fig.1). The results are given in tables 3-5 and fig. 2. The true activation energy of alcohols on Fe and Co was for the first time determined here. From the results it follows that the activation energy here decreases from iron to nickel. The activity of the catalysts of the fourth-period transition metals increases with the decrease in the atomic number of the metal and with the shortening of the interatomic distance. These new results are of importance for the determination of the dependence of the catalytic activity of the elements on their position in Mendeleev's periodic system.

There are 2 figures, 5 tables and 9 Slavic references.

Moscow State University imeni M.V. Lomonosov.

(Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova)

March 23, 1957.

Library of Congress.

ASSOCIATION:

SUBMITTED:

AVAILABLE:

CARD 4/4

TETENYI, P.

35. Determination of the surface area and activity of metal catalysts. J. Király, P. Tétényi. Magyar Kémiai Folyóirat, Vol. 64, 1958, No. II, pp. 410-412, 4 figs., 3 tabs.

Data derived from adsorption measurements (specific surface area, adsorption capacity, heat of adsorption, pore structure etc.) are of great importance in studying the physical properties of metal catalysts. The knowledge of the specific surface makes possible the determination of the specific catalytic activity while information on the potential activity of a catalyst may be derived from the heat of adsorption. The adsorption isotherms of nitrogen were determined for Fe, Co, Ni, Cu, Pt and Ag catalysts at -183°C, the temperature of liquid oxygen. The surface area of the catalysts was calculated from the isotherms (space requirement for the nitrogen molecule being assumed as 17.0 Å³) and the so-called net adsorption heats were computed from equation $\Delta H = RT \ln C$, where R is the universal gas constant, T the absolute temperature, C the constant of the BET equation. The specific catalytic activity of the above catalysts was determined by dehydrogenating isopropyl alcohol and cyclohexanol. As shown by the experimental results of the dehydrogenating reactions the specific catalytic activity of the metals of the fourth series of the periodic system increases from iron to nickel and decreases at copper. Catalytic activity is lower with Pt and Ag than with metals in the same columns but in the fourth series.

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S/081/60/000/023/003/021
A005/A001

Translation from: Referativnyy zhurnal, Khimiya, 1960, No. 23, p. 67, # 91656

AUTHORS: Balandin, A.A., Teten' P.

TITLE: On the Problem of the Role of d-Electrons in the Catalysis. The Kinetics of Dehydrogenation of Isopropyl Alcohol in the Presence of Copper, Cobalt, Nickel, Iron, Silver, Platinum, and Palladium

PERIODICAL: Probl. kinetiki i kataliza, 1960, Vol. 10, pp. 339 - 343

TEXT: The values were determined of the actual activation energies and the specific constants of dehydrogenation rate of isopropyl alcohol with Cu, Ni, Co, Fe, Ag and Pt as catalysts. The temperature coefficient of the dehydrogenation rate of isopropyl alcohol over Pd was determined. It is shown that there is no direct relation, at the dehydrogenation of isopropyl alcohol between the catalytic activity of the metal and the incompleteness of its d-level. However a relation exists between the catalytic activity and the atomic radius of the metals crystallizing in the facecentered cubic crystal lattice. R.A. X

Translator's note: This is the full translation of the original Russian abstract.
Card 1/1

TETENI, P.; SHEKHTER, K.

Effect of the method of preparing on the activity of nickel catalysts.
Dokl. AN SSSR 146 no.3:621-624 S '62. (MIRA 15:10)

1. Institut izotopov Komissii po atomnoy energii Vengerskoy Narodnoy
Respubliki, Budapest, Vengriya. Predstavлено академиком А.А.Баландиным.
(Nickel catalysts)

TETENYI, Pal; BABERNICS, Lajos; SCHACHTER, Klara

Determination of the bond strength generated between the reaction of atoms and the nickel catalyst. Magy kem folyoir 66 no.10:378-380 0 '60.

1. Magyar Tudomanyos Akademia Kozponti Kemial Kutato Intezete, Budapest.

TETENYI, Pal, a kemiai tudomanyok kandidatusa

The development, achievements, and present state of the multiplet theory. Kem tud kozl MTA 13 no.2:217-230 '60. (EEAI 9:8)
(Catalysis) (Dehydrogenation) (Hydrogenation)

TETENYI, Pal (Budapest)

On a kinetic method for determining adsorption coefficients. Acta
chimica Hung 22 no.3:247-253 '60. (EEAI 9:11)

1. Central Research Institute for Chemistry, Hungarian Academy of
Sciences, Budapest. Presented by G.Schay.
(Adsorption)

TETENYI, Pal (Budapest XII., Kekgolyo u.5); SCHACHTER, Klara (Budapest XIV.,
Hungaria korut 114)

On the kinetics of catalytic dehydrogenation of hydroaromatic compounds.
III. Comparison of the dehydrogenation rate of various cyclic hydro-
carbons. Acta chimica Hung 29 no.2:199-206 '61.

1. Central Research Institute for Chemistry, Hungarian Academy of
Sciences.

(Dehydrogenation) (Aromatic compounds)
(Hydrocarbons)

BALANDIN, A.A. (Moskva); TETENI, P. (Moskva)

Kinetics of the dehydrogenation of alcohols of various types on
copper. Zhur. fiz. khim. 35 no.1:62-71 Ja '61. (MIRA 14:2)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Dehydrogenation) (Copper) (Alcohols)

TETENYI, Pal, a kemial tudomanyok kandidatusa

Situation concerning the application of radioactive isotopes and its possibilities in Hungary. Magy tud 68 no. 7/8:455-466 Jl-Ag '61.

1. Intezeti igazgato, OAB Izotop Intezete.

35521

S/020/62/143/003/022/029
B101/B144

5.1190

5.4600

AUTHORS: Tétényi, P., and Babernics, L.

TITLE: Effect of irradiation on the catalytic properties of copper

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 143, no. 3, 1962, 616 - 617

TEXT: The effect of irradiation on the catalytic properties of a copper catalyst was tested on the basis of the dehydrogenation of cyclohexane. The catalyst samples were prepared from copper nitrate according to a method described earlier (ZhFKh, 35, 72 (1961)). The catalytic activity was determined by a method described in Acta chim. Acad. sci. hung., 28, 375 (1961). The degree of conversion of C₆H₁₂ into C₆H₆ was determined from the change in the refractive index. The catalyst samples were irradiated in argon atmosphere in a reactor with 10¹³ neutrons/cm²·sec for about 100 hr. The catalysis experiments were performed with specimens having an activity smaller than 1 μCu/g. Results: (1) The initial catalyst possessed only slight activity (0.040 ml/min at 310°C) and an apparent activation energy of 41 kcal/mole. (2) After irradiation, the activity

Card 1/2 ✓

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Effect of irradiation on...

was increased (0.148 - 0.100 ml/min) and the activation energy decreased (17.5 and 18.1 kcal/mole, respectively). (3) Gamma irradiation caused no increase in catalytic activity. (4) Solution of the catalyst in HNO₃ and recrystallization produced catalysts of still greater activity (0.376 - 0.510 ml/min) with approximately unchanged activation energy. It is thus concluded that increase in activity is not due to structural changes. It still remains to be investigated whether (a) the radioactivity of the specimen, or (b) a furthering effect of Ni and Zn microquantities arising from decay of radioactive Cu is important here. There are 1 figure, 1 table, and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc.

ASSOCIATION: Institut für Isotope des Staatlichen Komitees für Atom-energie, Budapest, Ungarn (Isotope Institute of the State Committee of Atomic Energy Budapest, Hungary)

PRESENTED: November 30, 1961, by A. A. Balandin, Academician

SUBMITTED: November 29, 1961

Card 2/2

GUCZI, Laszlo; TETENYI, Pal, a kemial tudomanyok kandidatusa

The effect of radioactive radiation on the adsorptive and catalytic properties of the solids. Kem tud kozl MTA 18 no.4:585-601 '62.

1. Orszagos Atomenergia Bizottsag Izotop Intezete, Budapest.

TETENI, P. [Tetenyi, P.]

Intraspecific chemical taxa of plants. Bot. zhur. 47 no.12:
1731-1741 D '62. (MIRA 16:6)

1. Nauchno-issledovatel'skiy institut lekarstvennykh rasteniy,
Budapest.
(Plants--Chemical analysis) (Botany, Ecology)

TETENYI, Pal; SCHACHTER, Klara; BABERNICS, Lajos

Kinetic method for determining the energy of bonds occurring between catalysts and reacting atoms. Magy kem folyoir 69 no.4:181-183 Ap '63.

1. Orszagos Atomenergia Bizottsag Izotop Intezete, Budapest.

PRISZTER, Szaniszlo (Budapest, XII., Budafok, Pek u.7); TETENYI, Peter

Variability of Sedum acre L. Botan kozl 50 no.2:67-78 Jl '63.

1. Gyogynoveny Kutato Intezet, Budapest, XII., Daniel ut 40
(for Tetenyi).

TETENYI, Pal, dr. (Budapest, XII., Konkoly Thege ut); BABERNICS, Lajos
(Budapest, XII., Konkoly Thege ut)

On the kinetics of the catalytic dehydrogenation of hydroaromatic
compounds. Pt. 5. Acta chimica Hung 35 no.4:419-432 '63.

l. National Atomic Energy Commission, Institute of Isotopes,
Budapest.

TETENYI, Pal, dr.; BABERNICS, Lajos; GUCZI, Laszlo; SCHACHTER, Klara (Mrs)

Effect of the method of preparation on the adsorptive and
catalytic properties of nickel. Pt.1. Acta chimica Hung 40
no.4:387-396 '64.

1. National Atomic Energy Commission, Institute of Isotopes,
Budapest, XII., Konkoly-Thege ut.

TETENYI, Pal, dr. (Budapest, XII., Konkoly Thege ut); GUCZI, Laszlo
(Budapest, XII., Konkoly Thege ut)

Effect of the method of preparation on the adsorptive and
catalytic properties of nickel. Pt.2. Acta chimica Hung
41 no.4:383-399 '64.

1. Institute of Isotopes of the National Atomic Energy
Commission, Budapest.

TETENYI, Pal, dr. (Budapest, XII., Konkoly Thege ut); SCHACHTER, Klara
~~(Budapest, XII., Konkoly Thege ut)~~; HOLLY, Sandor (Budapest, XI.,
Budafoki ut 8)

On the kinetics of the catalytic dehydrogenation of hydro-
aromatic compounds. Pt. 6. Acta chimica Hung 40 no. 2:145-155
'64.

1. National Atomic Energy Commission, Institute of Isotopes,
Budapest, and Central Research Institute of Chemistry, Hungarian
Academy of Sciences, Budapest.

TÓTHÉNYI, Pál, a kémiai tudományos Egyetemről

Method for the selection of catalysts. Kémiai és Fizikai Műszaki Közlemények
no. 1;33-47 '64.

J. Isotope Institute, National Atomic Energy Commission,
Budapest.

TETENYI, Pal, dr. (Budapest, XII., Konkoly Thege ut)

On the kinetics of the catalytic dehydrogenation of hydro-aromatic compounds. Pt. 7. Acta chimica Hung 40 no. 2:157-166 '64.

1. National Atomic Energy Commission, Institute of Isotopes, Budapest.

TELENYI, Pal, a kemial tudomanyok kandidatusa

Adsorption and catalytic properties of nickel catalysts
prepared by various methods. Kem tud kozl MTA 21 no.3:
259-275 '64.

1. Isotope Institute, National Atomic Energy Commission,
Budapest.

REF ID: A6522

ACCESSION NR: AT5-2223

SEARCHED 383/0399

AUTHOR: Telenyi, Pal; Telenyi, J.; ...
(Budapest)

SEARCHED 383/0399

TITLE: Effect of the method of preparation on the catalytic and catalytic properties of nickel. Part I. Dependence of the catalytic activity of hydrogen

SOURCE: Akademiai Kiado, Budapest, 1963. viii, 120 p., ill.

TOPIC TAGS: nickel; hydrogen-adsorption

ABSTRACT: The adsorption of hydrogen was investigated on two types of nickel catalyst prepared in different ways in the temperature range 0-700°C. Definite correlation between manufacturing method and hydrogen adsorption was observed and the catalytic activity of the material was found to depend on both hydrogen adsorbing rate and capacity. Orig. art. has: "Amer. Chem. Soc. Formulae."

ASSOCIATION: National Atomic Energy Commission Institute of Isotopes, Budapest

SUBMITTED: 10 Dec 63

LEVEL:

SUP. CODE: IC, GC

MR REF SQN: 001

OTHER:

PERC

Card 1/1

L 1185-66 EPF(c)/EWP(j) RM

ACCESSION NR: AT5025195^{44,55}

HU/2502764/042/004/0325/0337

AUTHOR: Tetenyi, Pal (Teteni, P.) (Doctor) (Budapest); Schachter, Klara (Shekhter, K.) (Budapest); Babernics, Lajos (Babernich, L.) (Budapest)

TITLE: Effect of the method of preparation on the adsorptive and catalytic properties of nickel. Part 4: Kinetics of the dehydrogenation of isopropanol

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 42, no. 4, 1964, 325-337

TOPIC TAGS: nickel, dehydrogenation, catalysis, alcohol

ABSTRACT: The kinetics of the dehydrogenation of isopropanol was investigated with the various nickel catalysts described in Acta Chimica Academiae Scientiarum Hungaricae, Vol 42, 1964, p 227, prepared by various methods, and the activation energy of the reaction was determined. The activation energies were found to be affected by the method of catalyst preparation. Orig. art. has: 7 graphs, 2 tables, 9 formulas.

ASSOCIATION: National Atomic Energy Commission, Institute of Isotopes, Budapest

SUBMITTED: 01Apr64

ENCL: 00

SUB CODE: OC, GC

NR REF Sov: 001

OTHER: 010

JPRS

Card 1/1

L 21335-66 EWP(j)/EWP(t) IJP(c) RM/JD/LW

ACCESSION NR: AT5021539

HU/2502/64/042/003/0227/0241

AUTHOR: Tetenyi, Pal (Teteni, P.) (Doctor) (Budapest); Schachter, Klara (Shekhter, K.) (Budapest); Babernics, Lajos (Babernich, L.) (Budapest)

TITLE: Effect of the method of preparation on the adsorptive and catalytic properties of nickel. Part 3: Investigation of the kinetics of the dehydrogenation of cyclohexane

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 42, no. 3, 1964, 227-241

TOPIC TAGS: catalysis, nickel, dehydrogenation, cyclohexane, sorption, adsorption

ABSTRACT: The effects of catalyst preparation on the ability of nickel catalysts to accelerate the rate of cyclohexane dehydrogenation were investigated. Sorption processes were the rate-determining factors in the reaction, and there was no evidence of relation between the heat of hydrogen adsorption and activation energy. It was thought likely that both the carbon and the hydrogen atoms joined by the bond are adsorbed on the surface of the catalyst. Orig. art. has: 9 tables, 4 formulas, 4 graphs.

Card 1/2

L 21335-66

ACCESSION NR: AT5021539

ASSOCIATION: National Atomic Energy Commission, Institute of Isotopes, Budapest

SUBMITTED: 18Feb64

ENCL: 00

SUB CODE: GD, OC

NR REF SOV: 007

OTHER: 012

JPRS

Card 2/2

E 41686-66 EWP(j) RM
ACC NR: AT6031102

SOURCE CODE: HU/2502/65/043/002/0101/0117

AUTHOR: Tetenyi, Pal--Teteni, P. (Doctor)

ORG: Institute of Isotopes, National Atomic Energy Commission, Budapest (Orszagos Atomenergiai Bizottsag, Izotope Intezet)

TITLE: Effect of the method of preparation on the adsorptive and catalytic properties of nickel VI. Bond energy values characteristic of the interaction between substrate and catalyst

SOURCE: Academia scientiarum Hungaricae. Acta chimica, v. 43, no. 2, 1965, 101-117

TOPIC TAGS: activation energy, bond energy, dehydrogenation, nickel

ABSTRACT: Balandin's kinetic method was used for the calculation of bond energies, from the energies of activation, for the bonds H-Ni, C-Ni and O-Ni formed in the dehydration of t-butanol in the presence of catalysts prepared by different methods. The correctness of the numerical values obtained as bond energies proved the reliability of the applied method. Although the values for the individual bond energies were different depending on the catalyst used, their combined sums differed from one another to a very slight extent only. Orig. art. has: 2 figures, 10 formulas and 4 tables. [Orig. art. in Eng.] [JPRS: 33,540]

SUB CODE: 07 / SUBM DATE: 12May64 / ORIG REF: 008 / SOV REF: 003
OTH REF: 010

Card 1/1 af

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L 46609-20 EMR(J)/T HE/KA

ACC NR: AT6025198

SOURCE CODE: IU/2502/65/046/003/0229/0240

AUTHOR: Schachter, Klara-Shokhter, K.; Tetenyi, Pal-Teteni, P. (Doctor) //

ORG: Institute for Isotopes, National Atomic Energy Commission, Budapest B+1

TITLE: Dehydrogenation of tertiary butanol on metal catalysts

SOURCE: Academia scientiarum hungaricae. Acta chemica, v. 46, no. 3, 1965, 229-240

TOPIC TAGS: dehydrogenation, alcohol, activation energy

ABSTRACT: Dehydrogenation of tert. butanol takes place on metals such as Fe, Co, Ni, Cu, Rh, Pd, and Ag. The activation energy values characterizing the dehydrogenation and the frequency factors of the Arrhenius equation were determined. A linear relation existed between activation energy of dehydrogenation and the lattice constants of the metals studied. The results indicated that the dehydrogenation of alcohols take place on the same active sites of the surface. Orig. art. has: 3 figures, 5 formulas, and 12 tables. [Orig. art. in Eng.] [JPRS: 34,165]

SUB CODE: 07 / SUBM DATE: 29Apr65 / ORIG REF: 004 / SOV REF: 008
OTH REF: 011

Card 1/1 njs

0416 0563

POLAND

Z. JANCZEWSKI and J. TETER, First Clinic of Obstetrics and Gynecology, Medical Academy (original version not given), Warsaw.

"Comparative Studies of Testicular Biopsy Findings and Chromatin Sex Patterns in Klinefelter Syndrome."

Krakow, Folia Biologica, Vol 10, No 3-4, 1962; p 319.

Abstract [English article]: Histologic studies. True Klinefelter syndrome involves irregular arrangement of seminiferous tubules and Leydig cells, tubular sclerosis progressing with age, absence of spermatogonia beyond age 18, degeneration of Sertoli cells in advanced tubular sclerosis. The 3 phases are age up to 18, 18 to 35, and old. Chromatin-positive cases have XXV as the most frequent chromosomal pattern, due to non-disjunction of sex chromosomes during gametogenesis.

I/1

JANCZEWSKI, Z.; TETER, J.

Comparative studies of testicular biopsy findings and chromatin sex pattern in Klinefelter's syndrome. Folia biol 10 no.3/4:319 '62.

1. I Clinic of Obstetrics and Gynecology, Medical Academy, Warsaw.

*

TERER, J. WECEWICZ, G.

Comparative clinico-pathological and chromatin sex studies in
26 cases of gonadal dysgenesis with female phenotype. Folia biol
10 no.3/4:319-320 '62.

1. I Clinic of Obstetrics and Gynecology, Medical Academy, Warsaw.

K

POLAND

J. TETER and G. WEGEWICZ, First Clinic of Obstetrics and Gynecology,
Medical Academy [original version not given], Warsaw.

"Comparative Clinico-Pathological and Chromatin Sex Studies in 26
Cases of Gonadal Dysgenesis with Female Phenotype."

Krakow, Folia Biologica, Vol 10, No 3-4, 1962; pp 22-23.

Abstract [English article]: Condensed version of paper presented at
the symposium on human genetics Warsaw January 1962. Histologic
pattern in 12 cases of Turner syndrome and 14 eunuchoidal gonadal
dysgenesis was essentially identical; involving gonadal aplasia,
good cortex and medulla with clumps of Leydig cells, some rudimentary
seminiferous tubules and meiotic remnant, with primordial follicles
in cortical part. Male sex chromatin in 19, female in 4. Chromatin
negative (male) cases of Turner syndrome have 45 chromosomes, X0.
Eunuchoidal gonadal dysgenesis without associated circulatory, skeletal
or other anomalies, usually 46 chromosomes but one X chromosome may be
fragmented.

1/1

TETER, Jerzy

A feminizing variety of ovarian tumor originating from reproductive cells. (Gonocytoma II -- a new patho-clinical entity). Ginek. pol. 33 no.3:395-403 '62.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych AM w Warszawie Kierownik:
prof. dr T. Bulski.

(OVARIAN NEOPLASMS)

KOWALCZYKOWA, Janina; TETER, Jerzy; MIKULOWSKI, Paweł

Precocious puberty caused by a neoplasm of the ovary composed of germ-cells and of Sertoli granulosa cells (gonocytoma II).
Endokry. pol. 13 no.3:365-375 '62.

1. Zaklad Anatomii Patologicznej AM w Krakowie Kierownik: prof. dr J. Kowalczykowa I Klinika Poloznictwa i Chorob Kobieczych AM w Warszawie Kierownik: prof. dr. T. Bulski.
(OVARIES neopl) (PUBERTY PRECOCIOUS etiol)
(GRANULOSA CELL TUMORS in inf & child)

TERTER, Jerzy; SZYSZKOWSKA, Izabella; PRZEZDZIECKI, Zdzislaw

Congenital developmental abnormalities of male gonads in patients with female psychosomatic characteristics. Endokr. pol. 13 no.4:487-500 '62.

1. I Klinika Poloznictwa i Chorob Kobiecych AM w Warszawie Kierownik:
prof. dr T. Bulski Poradnia Endokryologiczna w Warszawie Kierownik:
doc. dr J. Teter.

(HERMAPHRODITISM)

BULSKI, Tadeusz; TETER, Jerzy

Syndrome of bilateral degeneration of ovaries, combined with secondary amenorrhea and virilization. Gin. polska 28 no.1: 11-22 Jan-Feb 57.

1. Z I Kliniki Chorob Kobiecych i Poloznictwa A.M. w Warszawie
Kierownik: prof. dr. med. A. Czyzewicz. Z Wojewodzkiej Przychodni
Ochrony Macierzyństwa i Zdrowia Dziecka w W-wie Kierownik Czesi
Klinicznej: prof. dr. med. T. Bulski, Warszawa, Orzechowskiego 1.
(STEIN-LEVENTHAL SYNDROME, case reports (Pol))

WAWRZYNSKI, Eugeniusz; TETER, Jerzy

No translation. Polski tygod. lek. 9 no.41:1324-1328 11 Oct 54.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Łodzi; kierownik: prof.
dr J.W.Grott.

(LIPODYSTROPHY,
progr., case report)

POLAND/Tumors

U-4

Abs Jour : Rof Zhur - Biol., No 6, 1958, No 27917

Author : Polochowski, K., Tector, J.

Inst : Not Given

Title : The Effect of Trichomonial Infectious on the Development
of Precancerous States of the Cervix Uteri.

Orig Pub : Ginekol. polska, 1956, 27, No 5, 631-636

Abstract : There were 44 patients under observations with precancerous changes of the cervix in whom Trichomonas were found. As a result of the treatment for trichomoniasis with the iodo-arsenical emulsion with sulfenilamides added, there was a regression of precancerous changes of the cervix in 12 cases.

Card : 1/1

(END)
44

TETER, Jerzy; WICZNICZ, Grasyna

Pituitary insufficiency following labor. Gin.polska 26 no.3:351-363
July-Sept. '55.

1. Z I Kliniki Chorob Kobiecych i Polosnictwa A.M. w Warszawie.
Kierownik: prof. dr A. Czykowicz, i z Centralnej Poradni Ochrony
Macierzyństwa i Zdrowia Dziecka w Warszawie. Kierownik: doc. dr.
T. Buleki.

(PSEUDOPATH, complications,
Simmonds' disease.)

(SIMMONDS' DISEASES,
postpartum)

TETER, Jerzy

Pre-invasive and early invasive cervical cancer. Gin. polska
27 no.3:379-390 May-June 56.

1. Z Instytutu Onkologii im. Marii Skłodowskiej-Curie w Warszawie
Dyrektor: prof. dr. Fr. Łukaszczyk, Warszawa, Krakowskie
Przedmieście 3 m. 5.

(CERVIX, UTERINE, neoplasms,
pre-invasive & early invasive (Pol))

POLACHOWSKI, Kazimierz; TETER, Jerzy

Effect of trichomonal infection on the development of precancerous states in the uterine cervix. Gin. polska 28 no.5:631-636 Sept-Oct 56.

1. Z Centralnej Poradni Onkologicznej dla Chorob Kobiecych w Warszawie. Kierownik: doc. dr. Jerzy Teter, i z Poradni Onkologicznej Polikliniki Centralnego Szpitala M.S.W. Kierownik Oddzialu Ginekologiczno-Pozyczniczego: dr. M. Zielinski, K.M., Warszawa, ul. Wawelska 11a, m. 6.

(CERVIX, UTERINE, diseases
precancerous lesions, relation to trichomonal infect. (Pol))
(TRICHOMONIASIS
vaginalis, relation to precancerous lesions of uterine
cervix (Pol))

TETER, Jerzy; POLACHOWSKI, Kazimierz

Cytological picture of vaginocervical smears in trichomoniasis.
Polski tygod. lek. 9 no.22:688-694 31 May 54.

1. w Centralnej Poradni Onkologicznej dla Chorob Kobiecych w
Warszawie; kierownik dr med. J.Teter.

(VAGINAL SMEARS, in various diseases,
trichomoniasis)

(VAGINA, diseases,
trichomoniasis, cervicovaginal smears in)

(TRICHOMONIASIS,
vagina, cervicovaginal smears in)

TETER, Jerzy; TARLOWSKI, Ryszard

Diagnostic & prognostic value of progesterone in cases of secondary amenorrhea. Gin. polska 28 no.5:591-601 Sept-Oct 57.

l. W Z Wojewódzkiej Przychodni Specjalistycznej w Warszawie. Dyrektor:
dr med. L. Golebiowski. Z Poradni Endokrynologicznej dla Kobiet w
Warszawie. Kierownik: doc. dr med. J. Teter. Adres autora: Warszawa,
Krakowskie Przedmieście 8 m. 5.

(AMENORRHEA, physiol.

progesterone in secondary amenorrhea, diag. & progn.
value. (Pol))

(PROGESTERONE, eff.

on secondary amenorrhea, diag. & progn. value (Pol))

BULSKA, Małgorzata; TETER, Jerzy; RUSZKOWSKI, Józef

Formation of the artificial vagina in male pseudohermaphrodite
with testicular feminization syndrome. Gin.polska 31 no.1:9-15
Ja-F '60.

1. Z Oddziału Polonniczo-Ginekologicznego Instytutu Gruźlicy
oraz Zakładu Polonniczo-Ginekologicznego Instytutu Doskonalenia
i Specjalizacji Kadr Lekarskich. Kierownik: prof.dr. M. Bulska
i z Poradni Endokrynologii w Warszawie. Kierownik: doc.dr J. Teter.
(HERMAPHRODITISM surg.)
(HYPOGONADISM surg.)
(VAGINA surg.)

TERER, Jerzy; ZALESKI, Waclaw

Insufficiency of the corpus luteum in cases of functional gynecological bleeding. Gin. Polska 25 no.1:79-85 Ja-Mr '54.

I. Z I. Kliniki Poloznictwa i Chorob Kobiecych Akademii Medycznej w Warszawie. Dyrektor; prof. dr med. A.Czyzewicz.

(UTERUS, hemorrhage,

*corpus luteum insuff. in)

(HEMORRHAGE,

*uterus, corpus luteum insuff. in)

(CORPUS LUTEUM, diseases;

*insuff. in uterus hemorrh.)

WESOLOWSKI, Tadeusz; TETER, Jerzy; KUZNIK, Zdzislaw;
JANCZEWSKI, Zygmunt

3 cases of extreme masculinization of adrenal origin in
women (with complete sex reversal). Endokr. pol. 14 no.4:
301-315 '63.

1. Klinika Urologiczna A.M. w Warszawie Kierownik: prof. dr
T. Wesolowski Oddzial Endokrynologii (doc. dr J. Teter) I
Kliniki Poloznictwa i Chorob Kobiecych A.M. w Warszawie
Kierownik: prof. dr T. Bulski.
(ADRENOGENITAL SYNDROME) (VIRILISM)

BULSKI, Tadeusz; TETER, Jerzy; WASILEWSKA, Barbara

Virilizing tumor from ovarian hilus cells with adrenal
characteristics. Ginek. pol. 34 no.2:265-273 '63.

l. Z I Kliniki Poloznictwa i Chorob Kobiecych AM w Warszawie
Kierownik: prof. dr T. Bulski.
(OVARIAN NEOPLASMS) (LEIOMYOMA) (VIRILISM)

TETER, Jerzy; SZYSZKOWSKA, Izabela; WECEWICZ, Grazyna

The loss of endometrial reactivity in postpartum pituitary insufficiency. Ginek. pol. 35 no.1:65-71 Ja-F'64

1. Z I Kliniki Poloznictwa i Chorob Kobieczych AM w Warszawie;
kierownik: prof.dr.med. T.Bulski.